

charges. The counter is updated during a telephone call independently or according to control commands of the service provider at a certain clock pulse, and the authorization to use services is confirmed to the service provider at a certain clock pulse. In an embodiment, the counter is controlled or checked by the service provider by means of control commands. It is a drawback that the service provider needs a counter in order to check whether the certification for use of services was sent according to clock pulse. It is a further drawback that a corresponding counter image must be kept at the service provider in order to control the counter or to check the counter.

Known from the international patent application WO 03/079713 is a method of operation of mobile radio terminals in which WIM functionalities (Wireless Identification Module) are provided and billed, characterized in that the WIM is achieved internally, i.e. in the terminal or respectively in the SIM identification module located there. Each signature initiated by the participant is thereby counted internally, and, to be precise, back from a starting state, until the preset number of signatures is reached. The device is then blocked until a another signature count loading. Disadvantageous with this method is that, with the exception of blocking and release switches, the processing of the signature, i.e. of the digital data of the access rights, does not provide for any data processing and only performs a simple counting operation, without checking the volume of the digital data to be given a single signature, so that keeping service accounts at the provider is still necessary, it being necessary for a connection of the MSC (Mobile Switching Center) to the provider to be always established and maintained during a telephone call. During this step errors can occur, e.g. as a result of transmission interference or malfunction, so that the service accounts are able to be falsified. It is a further drawback that no volume-based billing is possible.

Disclosure of Invention

It is an object of the invention to propose a new method and system

for transmitting service data between telecommunication devices not having the above-mentioned drawbacks of the state of the art. In particular, a simple, automated and economical method and system should be proposed which, in a completely general way, improves the security of the accounting of the service

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